



# Cultivation and sale of target crops: Baseline results from IFAD-EU NUS Project

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**Mali: Fonio and Bambara Groundnut**



# Fonio

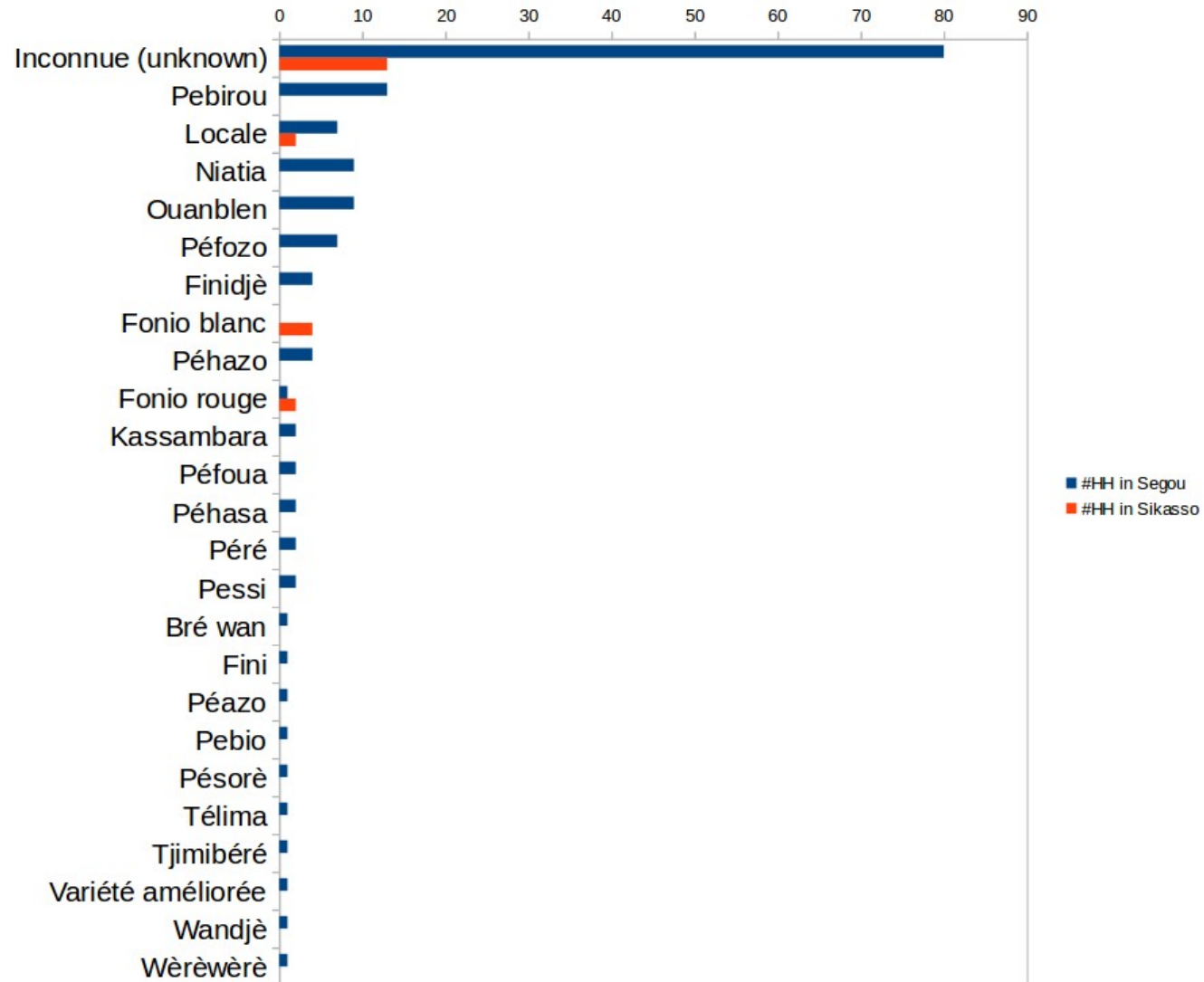
	Overall (N=414)	Segou (N=210)	Sikasso (N=204)
% growing fonio	43	74	11
% selling fonio	11	18	4
Average area among growers (Ha)	0.83 (approx 8% of rainfed land 10Ha)	0.86 (approx 14% of rainfed land 6Ha)	0.54 (approx 4% of rainfed land 14 Ha)
# varieties in region	22	21	2
# varieties per household	1.04	1.05	1

# Voandzou (Bambara Groundnut)

	Overall (N=414)	Segou (N=210)	Sikasso (N=204)
% growing	47	52	42
% selling	17	17	17
Average area among growers (Ha)	0.38 (approx 4% of rainfed land 10Ha)	0.31 (approx 5% of rainfed land 6Ha)	0.47 (approx 3% of rainfed land 14Ha)
# varieties per HH	1.02	1.03	1.01
# varieties in region	13	9	6

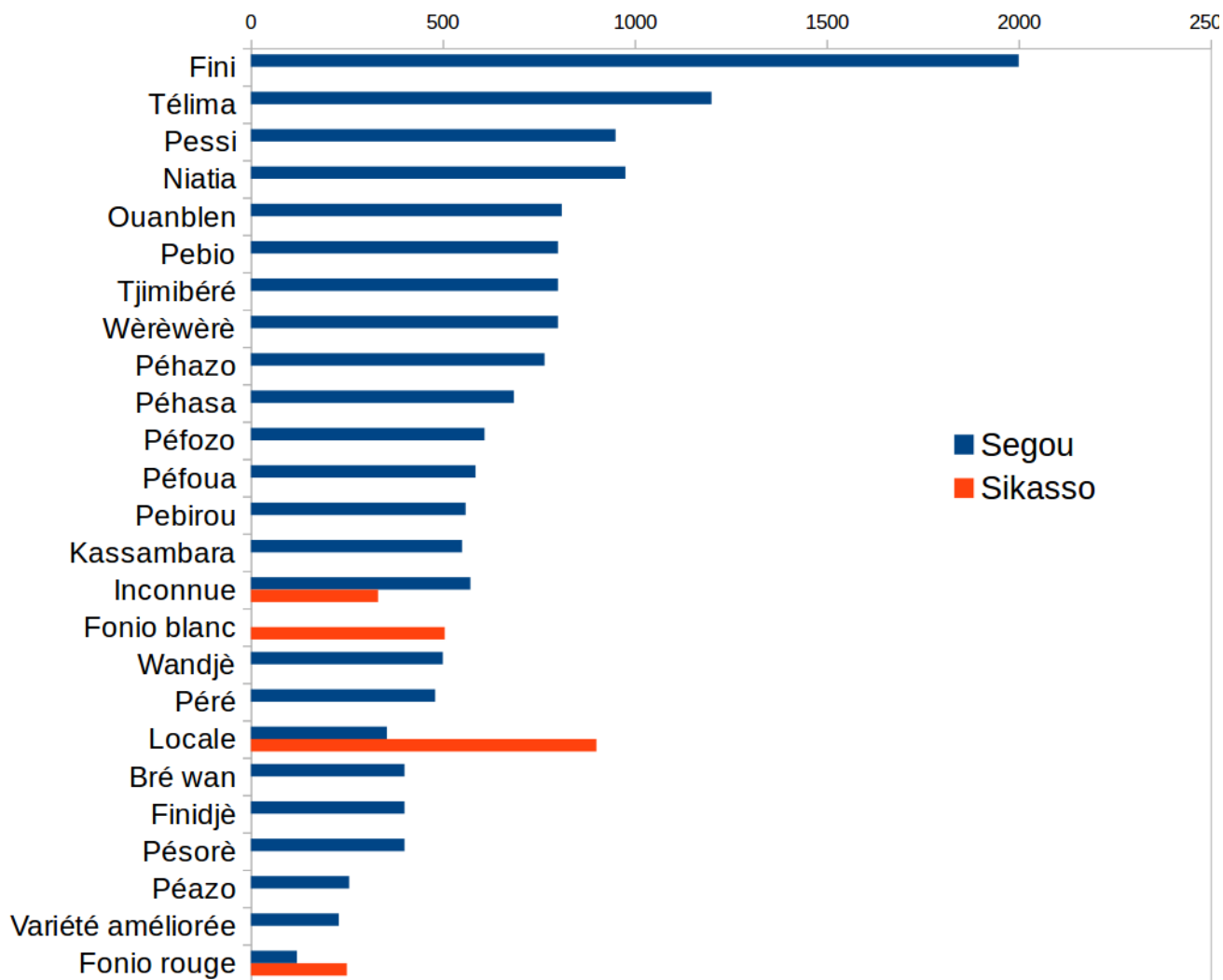
# Fonio

# Households growing variety



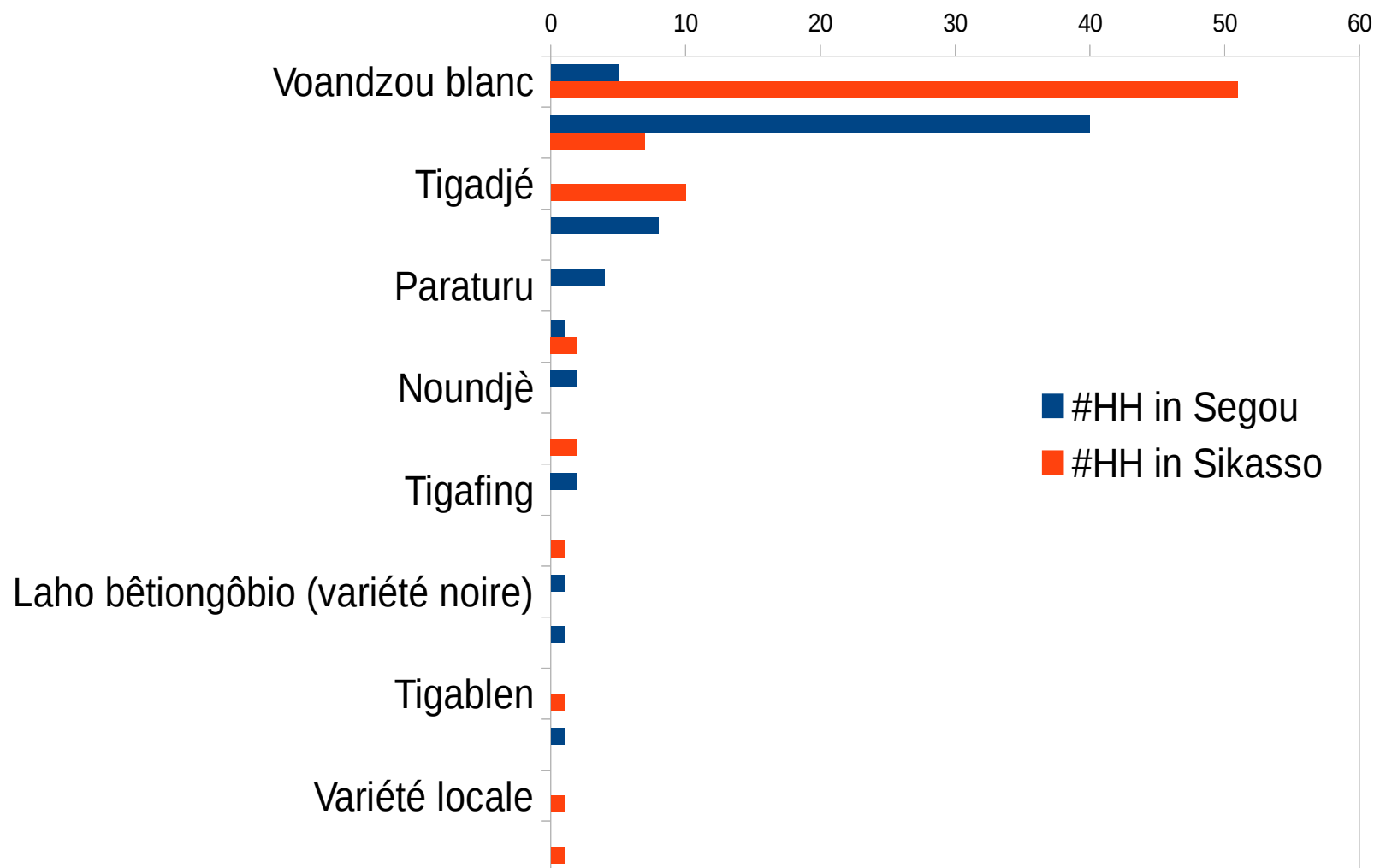
# Fonio

## Average Yield (Kg/Ha)



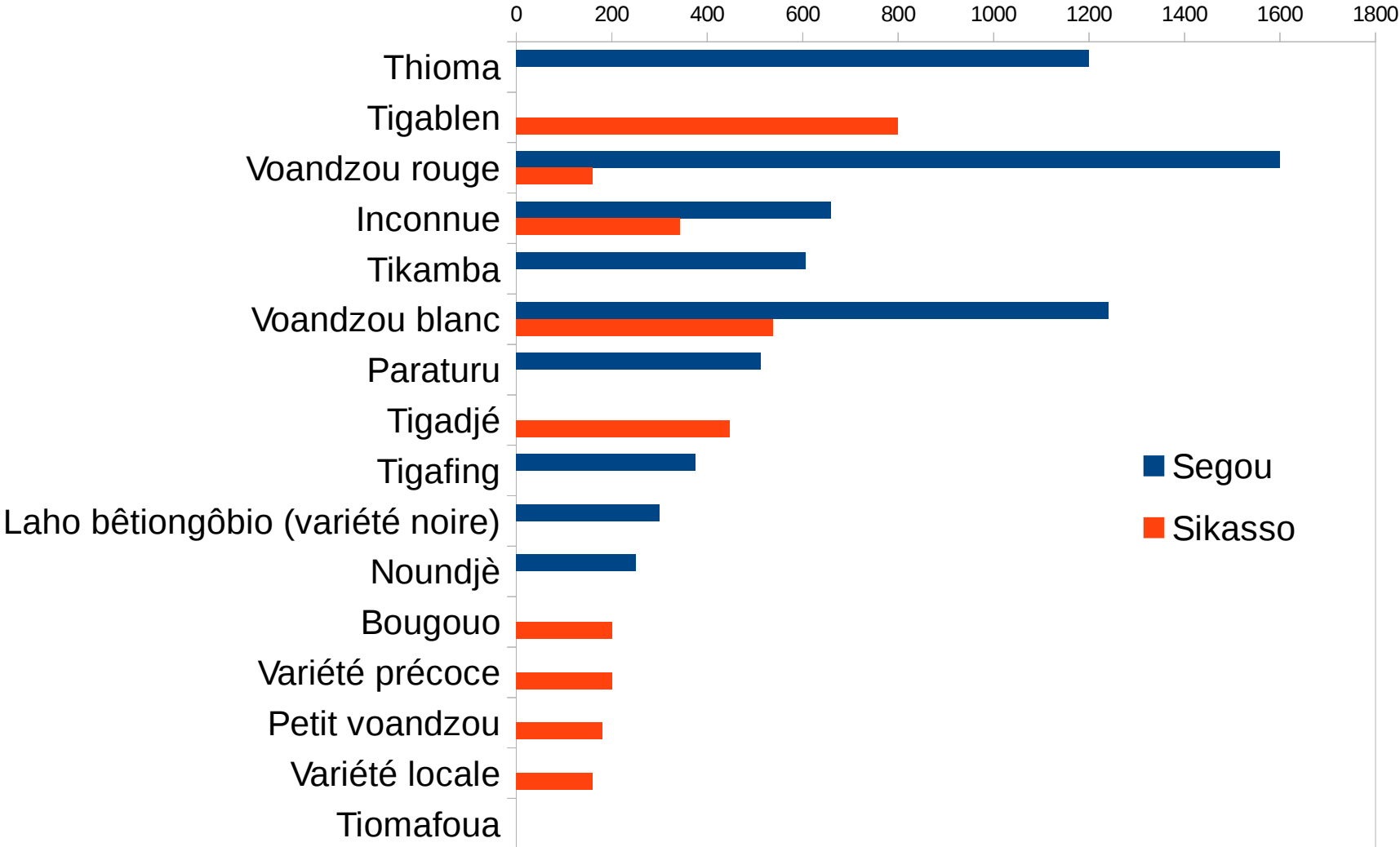
# Voandzou

# Households cultivating variety



# Voandzou

## Average Yield (Kg/Ha)





# Fonio

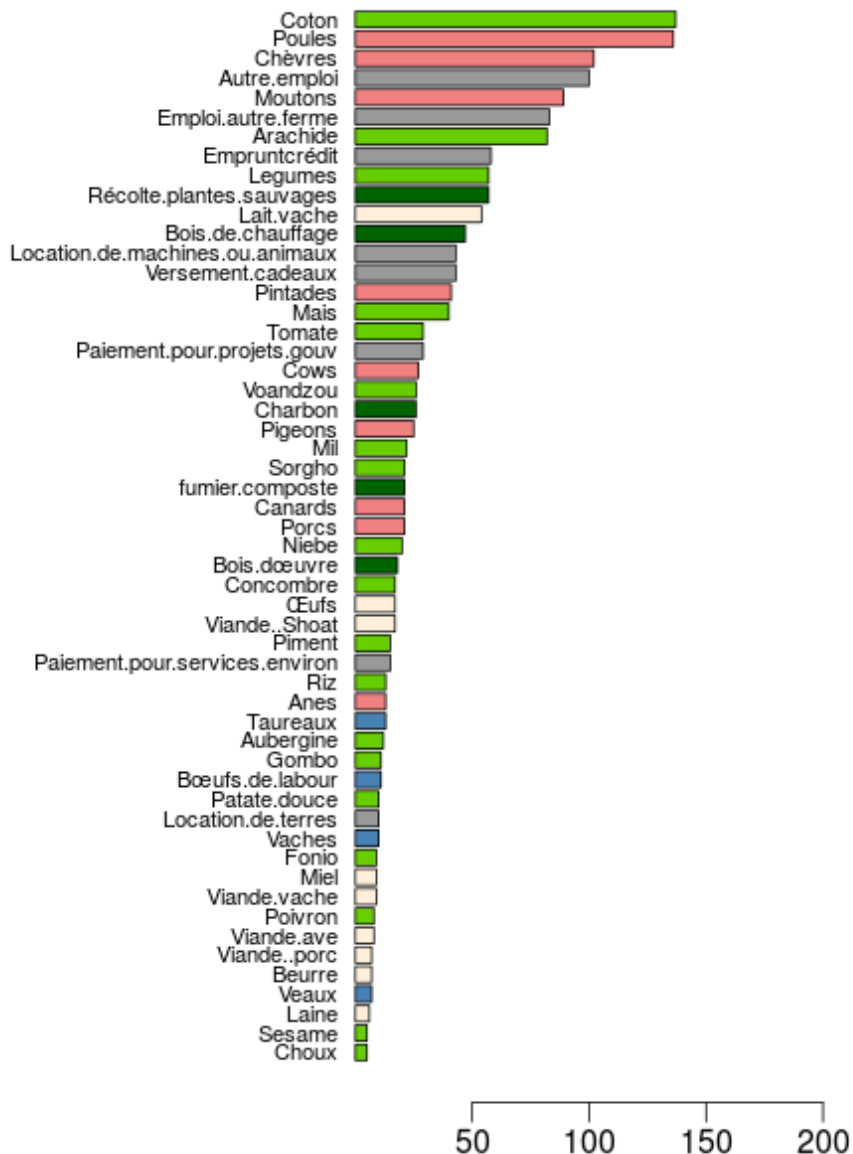
FORM	BUYER	SIKASSO		SEGOU	
		#	FCFA/kg	#	FCFA/kg
RAW	<u>Marché (Finkoloni)</u>	3	327		
	<u>Marché (N'Gountjina)</u>	5	310		
	<u>Acheteurs (Bolimasso)</u>			1	250
	<u>Femmes du village (Boumboro)</u>			3	222
	<u>Marché (Boumboro)</u>			3	220
	<u>Marché local (Bolimasso), Marché de Tominian</u>			1	220
	<u>Acheteur du village (Bountenisso)</u>			4	200
	<u>Acheteur du village (Boumboro)</u>			2	190
	<u>Vente locale (Boumboro)</u>			2	182.5
	<u>Marché (Bolimasso)</u>			6	181
	<u>Village; Marché (Bolimasso)</u>			2	175
	<u>Clients (Boumboro)</u>			3	158
	<u>Champ de Diversité (Bolimasso)</u>			1	150
	<u>Clients (Bolimasso)</u>			1	150
	<u>Marché, Commerçant (Finkoloni)</u>	1	120		
<u>Detaillants (Boumboro)</u>			1	75	

# Voandzou

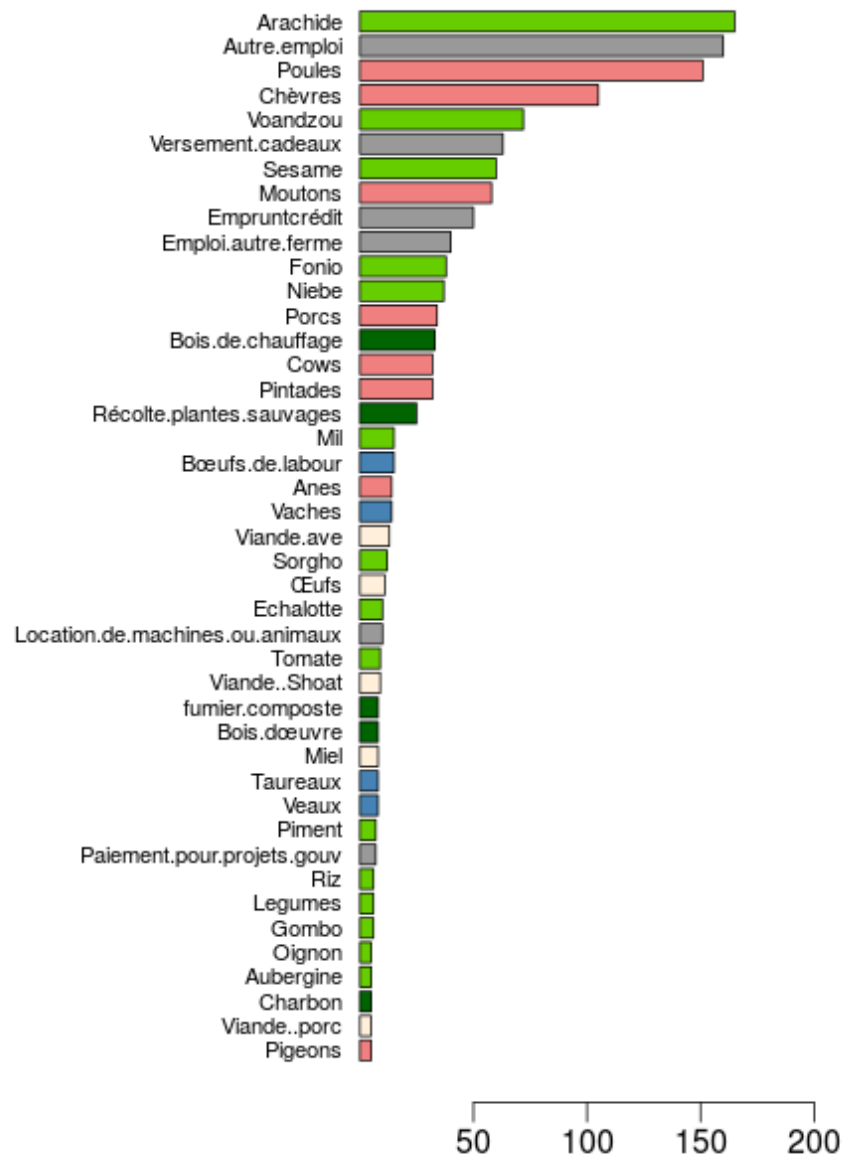
FORM	BUYER	SIKASSO		SEGOU	
		#	FCFA/kg	#	FCFA/kg
BRUTE	Marche (Bountenisso)			1	500
	Marche (Kaniko)	7	314		
	Marche, Commerçant (Finkoloni)	1	300		
	<u>Femmes</u> du Village (Boumboro)			2	275
	Marche (Finkoloni)	12	267		
	Detaillants (Boumboro)			1	250
	Marche de Mandiakuy			1	250
	Marche de Mandiakuy (Boumboro)			1	250
	Acheteur du village (Bountenisso)			2	225
	Marche (Boumboro)			3	200
	ONG (Siramana)	1	200		
	Client (Boumboro)			2	150
	Marche (Siramana)	1	150		
	Crossiste (Boumboro)			1	125
	<u>Femmes</u> Transformatrices (Boumboro)			1	125
BRUTE, SECHE	Marche (Finkoloni)	4	216		
GRILLE	Acheteur du village (Boumboro)			1	300
DECORTQUE	<u>Femmes</u> du Village (Boumboro)			2	225

# Income Sources

## Sikasso

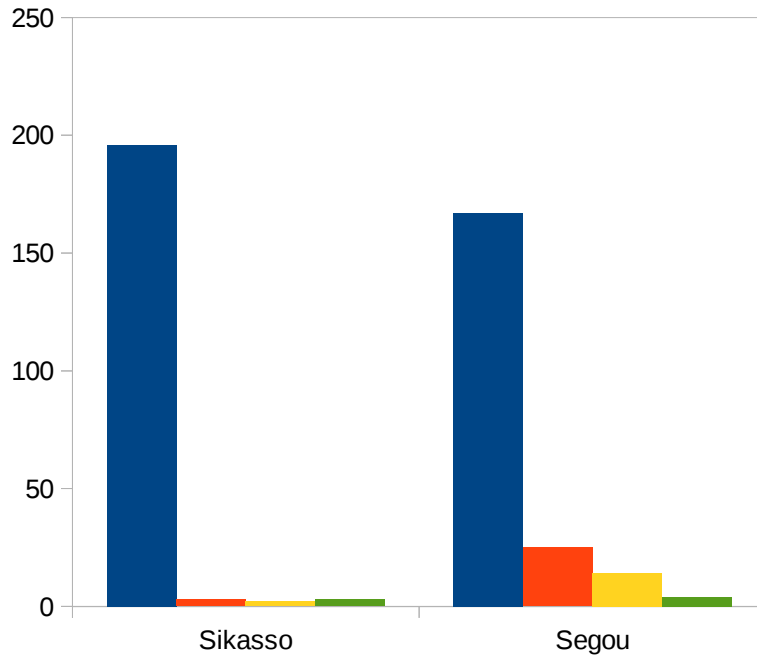


## Segou

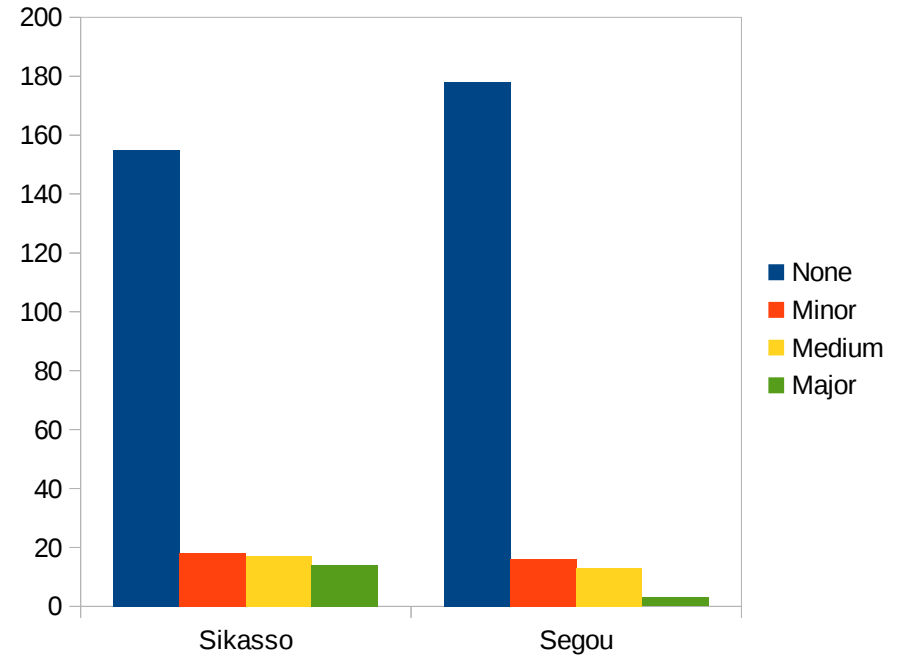


# Importance of Fonio and Voandzou in income

## Fonio



## Voandzou



# India: Kodo and Kutki Millet



# Kodo

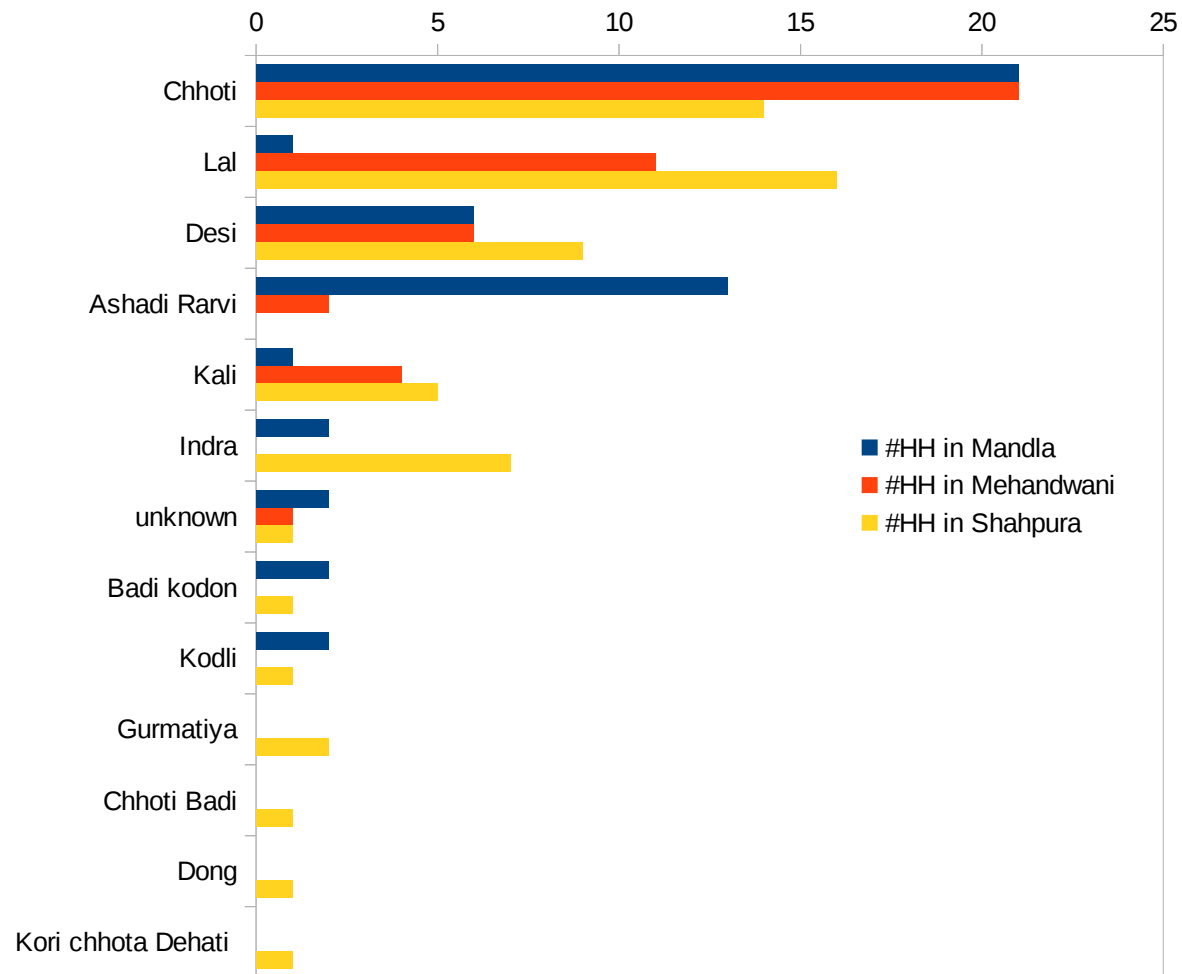
	Overall (N=297)	MANDLA (N=147)	SHAH PURA (N=70)	MEHANDWANI (N=80)
% growing	52	35	83	56
% selling	10	12	4	10
Average area among growers (Ha)	0.38 (approx 38% of land available for farming 1Ha)	0.31 (approx 31% of land available for farming 1Ha)	0.49 (approx 25% of land available for farming 2Ha)	0.33 (approx 33% of land available for farming 1Ha)
# varieties per HH	1.00	1	1.01	1
# varieties in region	11	7	4	10

# Kutki

	<b>Overall (N=297)</b>	<b>MANDLA (N=147)</b>	<b>SHAH PURA (N=70)</b>	<b>MEHANDW ANI (N=80)</b>
% growing	56	48	74	55
% selling	16	22	6	15
Average area among growers (Ha)	0.38 (approx 38% of land available for farming 1Ha)	0.41 (approx 41% of land available for farming 1Ha)	0.40 (approx 20% of land available for farming 2Ha)	0.33 (approx 33% of land available for farming 1Ha)
# varieties per HH	1	1	1	1
# varieties in region	8	4	4	5

# Kodo

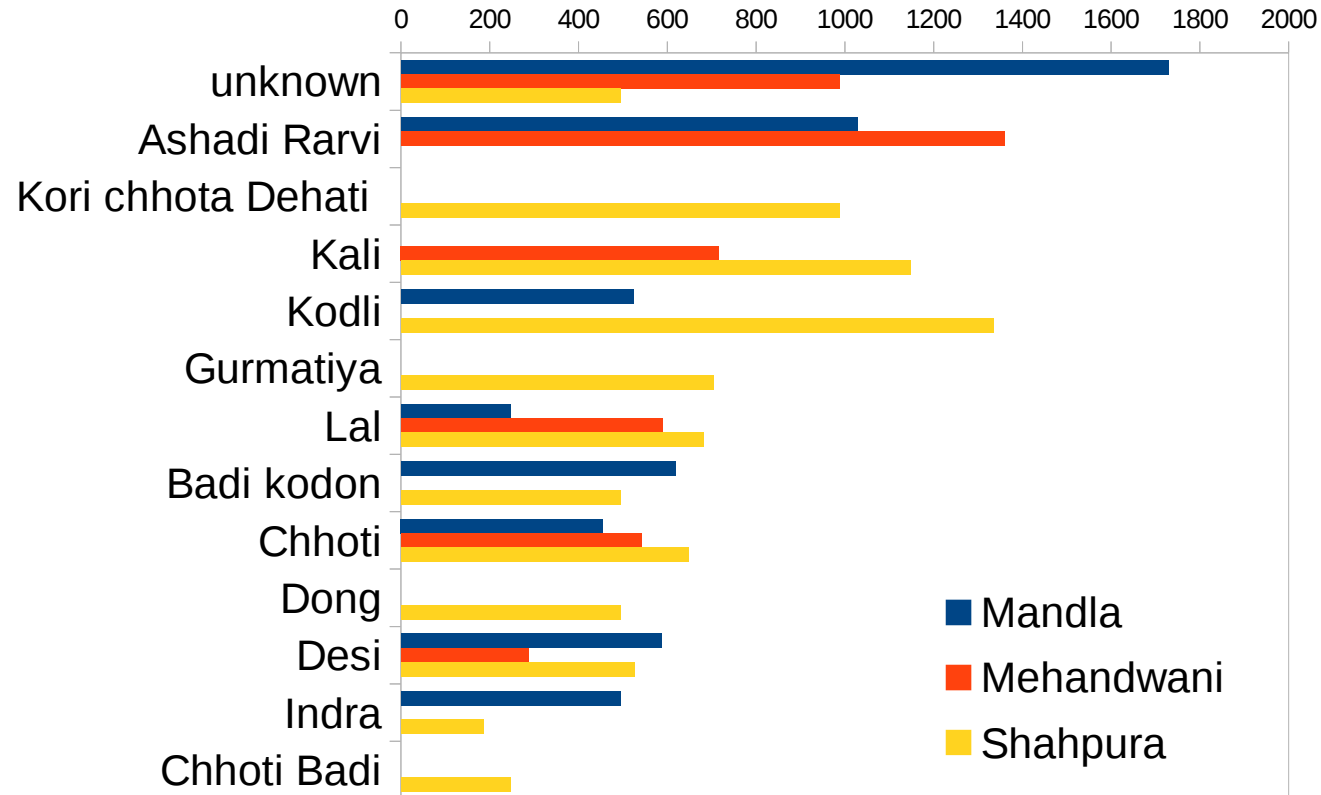
# Households cultivating variety





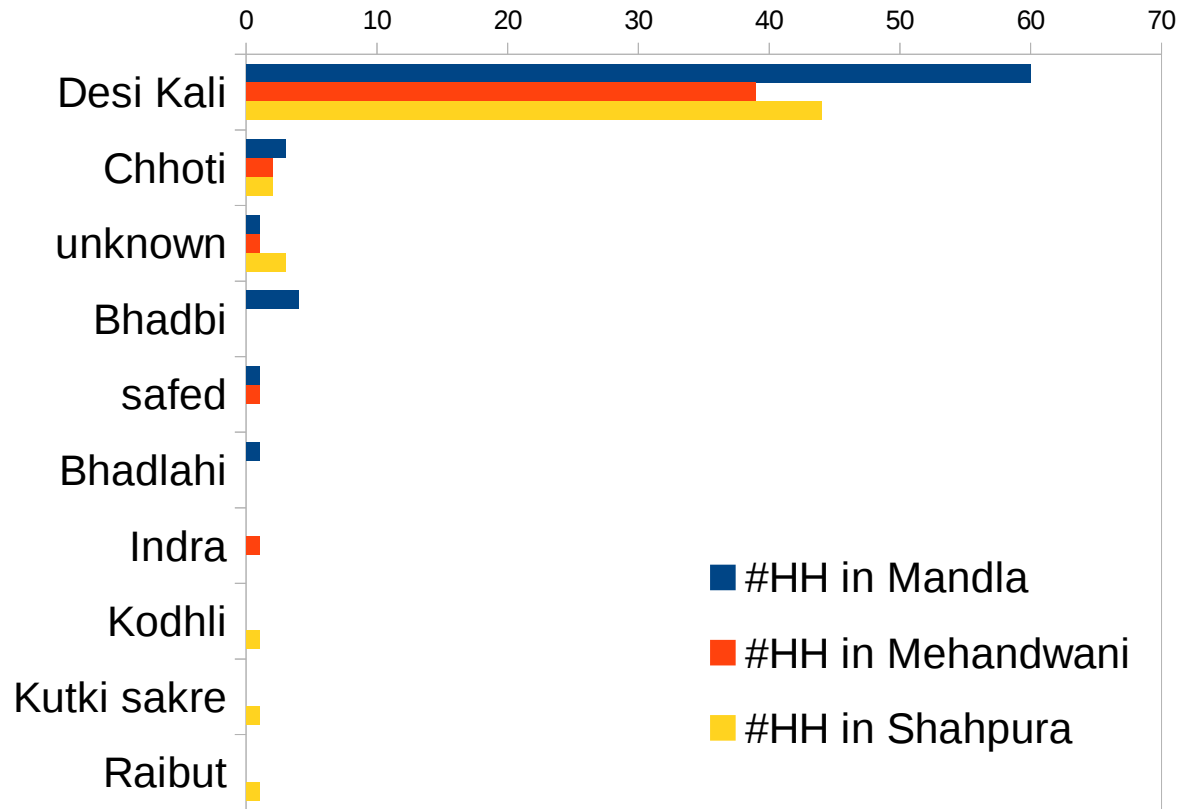
# Kodo

## Average Yield (Kg/Ha)



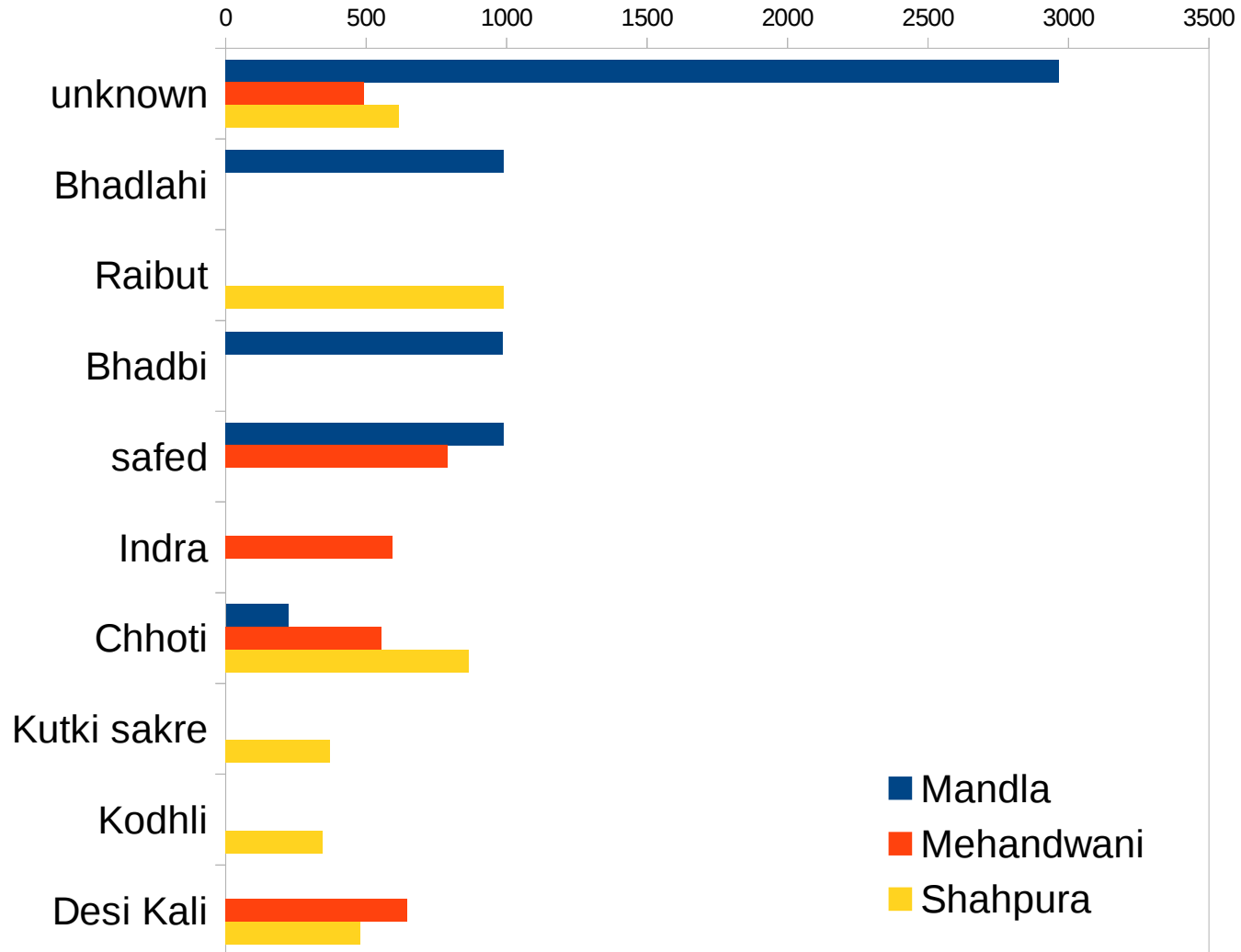
# Kutki

# Households growing varieties



# Kutki

## Average Yield (Kg/Ha)



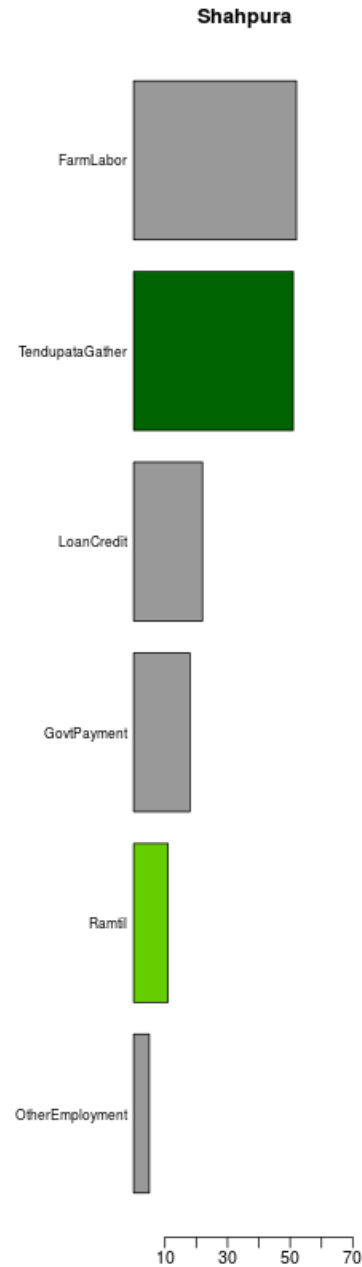
# Kodo

Form	Buyer	<u>Mandla</u>		<u>Mehandwani</u>		<u>Shahpura</u>	
		#	INR/Kg	#	INR/Kg	#	INR/Kg
Raw	Local Market ( <u>Khari</u> )	2	19				
	<u>Mandi (Dungariya)</u>	1	15				
	Local Market ( <u>Salaiya</u> )	3	14				
	Local Market ( <u>Khuksar</u> )	2	12				
	Local Market ( <u>Singarpur</u> )	1	12				
	Local Market ( <u>Tikraberpani</u> )	7	10				
	Local Market ( <u>Barrai</u> )			2	18		
	Local Market ( <u>Khamhariya</u> )			2	15		
	<u>Mandi (BagliMal)</u>			1	15		
	Local Market ( <u>SalaiyaMal</u> )					1	10

# Kutki

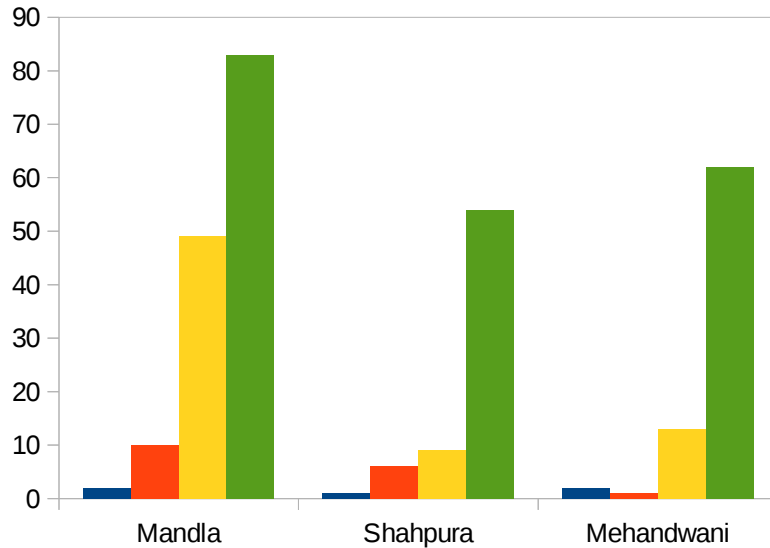
Form	Buyer	<u>Mandla</u>		<u>Mehandwani</u>		<u>Shahpura</u>	
		#	INR/Kg	#	INR/Kg	#	INR/Kg
RAW	Local Dealer <u>Khari</u>	1	25				
	Local Market <u>Khari</u>	3	23				
	Local Dealer <u>Piparpani</u>	1	25				
	Local Market <u>Piparpani</u>	2	25				
	Local Market <u>Singarpur</u>	2	26				
	Local Market <u>Jahpani</u>	1	26				
	Local Market <u>Salaiya</u>	4	23				
	Local Market <u>Silpuri</u>	4	23				
	Local Market <u>Tikraberpani</u>	7	28				
	Local Market <u>Khuksar</u>	1					
	Local Market <u>Barrai</u>			3	24		
	Local Market <u>Chirpoti Mal</u>			1	28		
	Local Market <u>Khamhariya</u>			2	24		
	Local Market <u>Dhirwan Khurd</u>					1	15
	<u>Mandi Mandla (Kudopani, Umardih)</u>	3	20				
	<u>Mandi Dindori? (BagliMal)</u>			3	20		
	<u>Mandi Dindori? (Magarya)</u>					1	25

# Income Sources

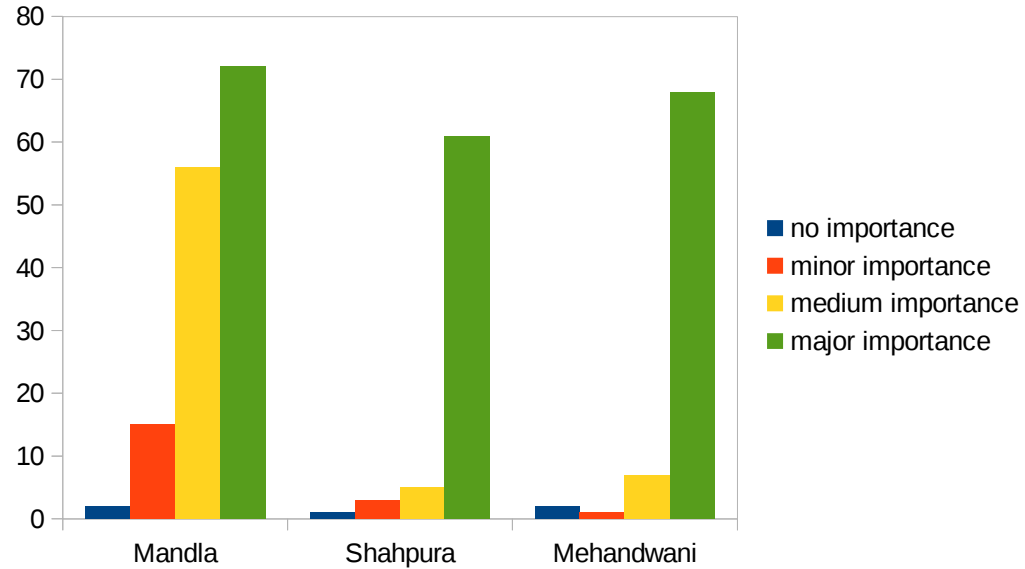


# Importance of Kodo and Kutki for income

## Kutki Millet



## Kodo Millet



# Guatemala: Chaya and Tepary Bean





# Chaya

	Overall (N=88)
% growing	23
% selling	?
Average # trees/bushes among growers	12
Average area among growers (Ha)	0.05
# varieties per HH	1.15

# Chaya yields

Variety	Average - Bunches/Tree	Yield bunches/Ha
Chatate criollo	1	
Criolla	1.9	
Mansa	18.7	71.6
Extranjera		3359.84

# Tepary Bean

	Overall (N=88)
% growing	0
% selling	0
Average area among growers (Ha)	0
Average area for sample (Ha)	0
# varieties per HH	0



# Thank you

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